

FIG. 1

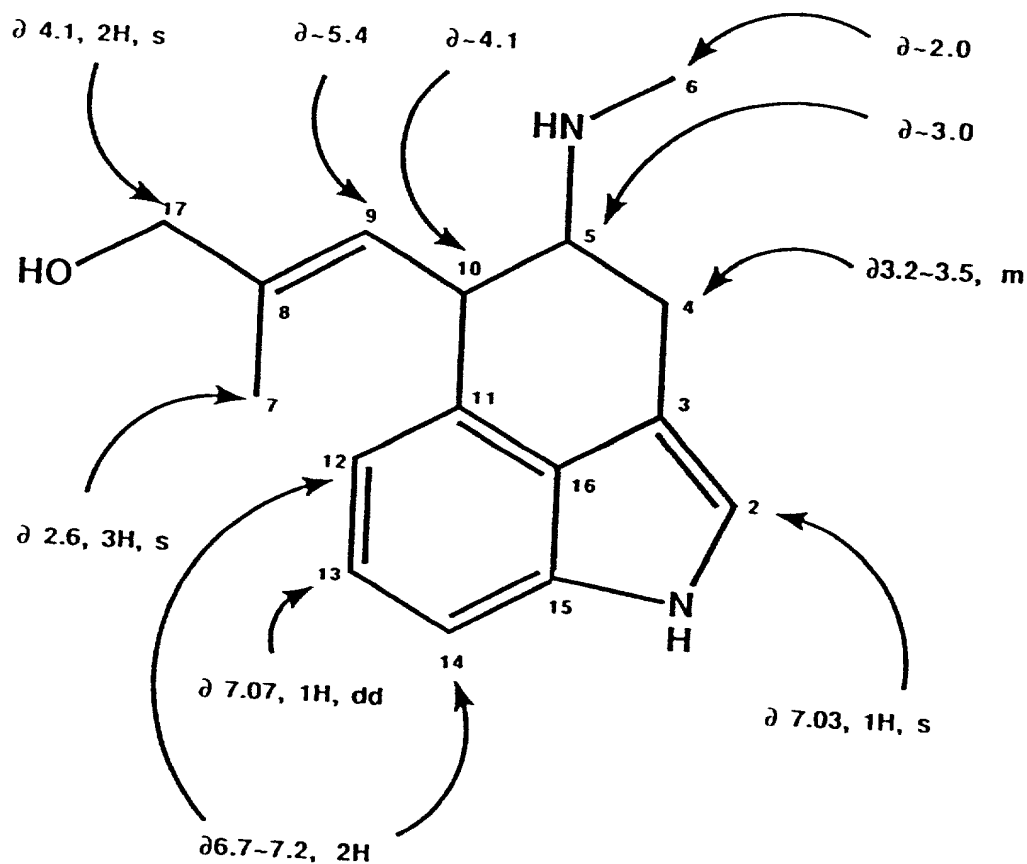
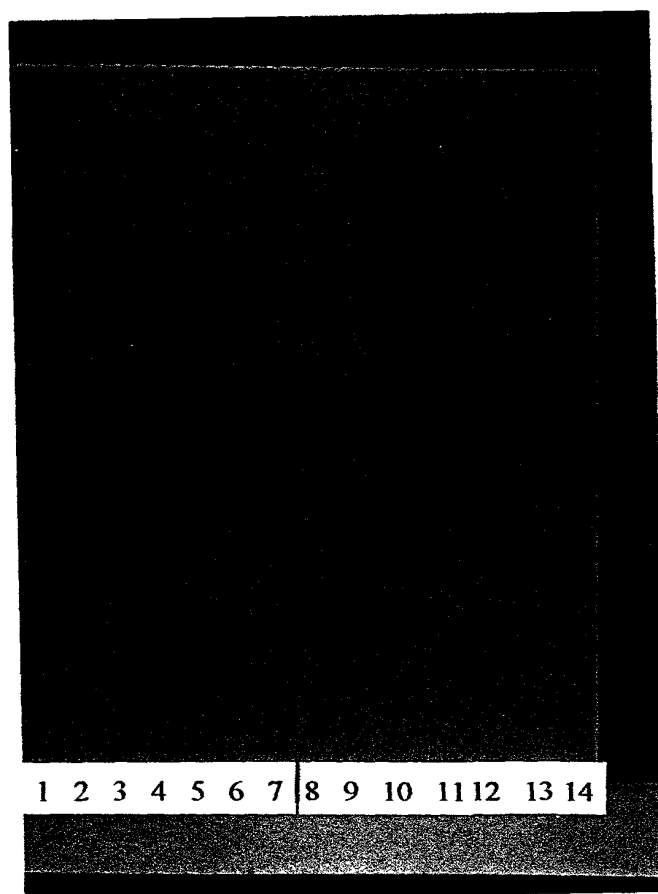


FIG. 2

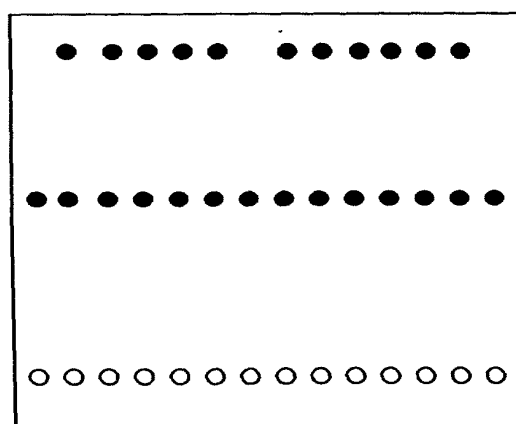


FIG. 3

K-1990
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A



Lane 1
Lane 2
Lane 3
Lane 4
Lane 5
Lane 6
Lane 7
Lane 8
Lane 9
Lane 10
Lane 11
Lane 12
Lane 13
Lane 14

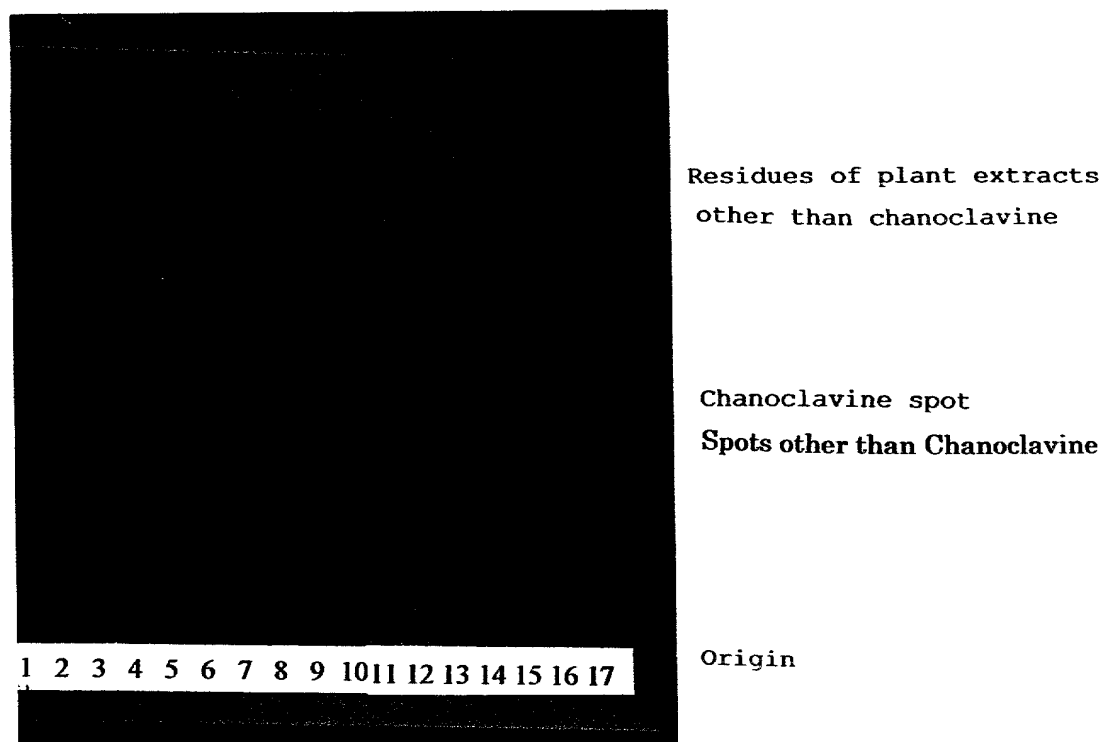
Lanes 1,7,14: Chanoclavine sample

Lanes 2,3,4,5,6,8,9,10,11,12,13: Extracts of plants infected with the endophytes deposited at the Japanese National Institute of Bioscience and Human Technology

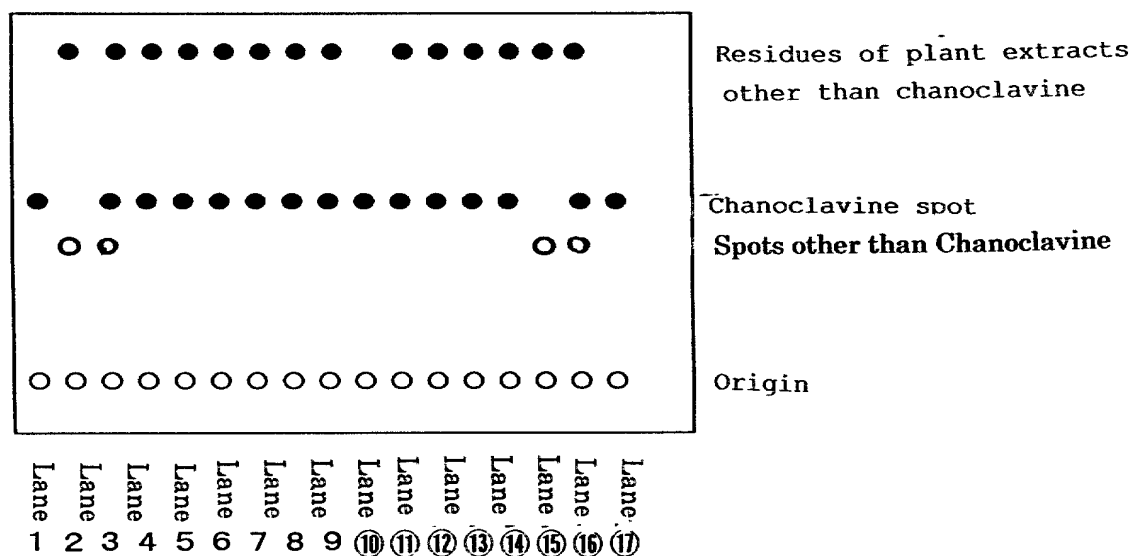
B

FIG. 4

K-1910
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A



Lanes 1,10,17: Chanoclavine sample
 Lanes 2,15: Extracts of plants infected with endophytes not deposited at the Japanese National Institute of Bioscience and Human Technology
 Lanes 3,16: Extracts of plants infected with endophytes not deposited at the Japanese National Institute of Bioscience and Human Technology + superimposed samples
 Lanes 4,6,8,11,13: Extracts of plants infected with the endophytes deposited at the Japanese National Institute of Bioscience and Human Technology
 Lanes 5,7,9,12,14: Extracts of plants infected with endophytes not deposited at the Japanese National Institute of Bioscience and Human Technology + superimposed samples

FIG. 5

K-1990
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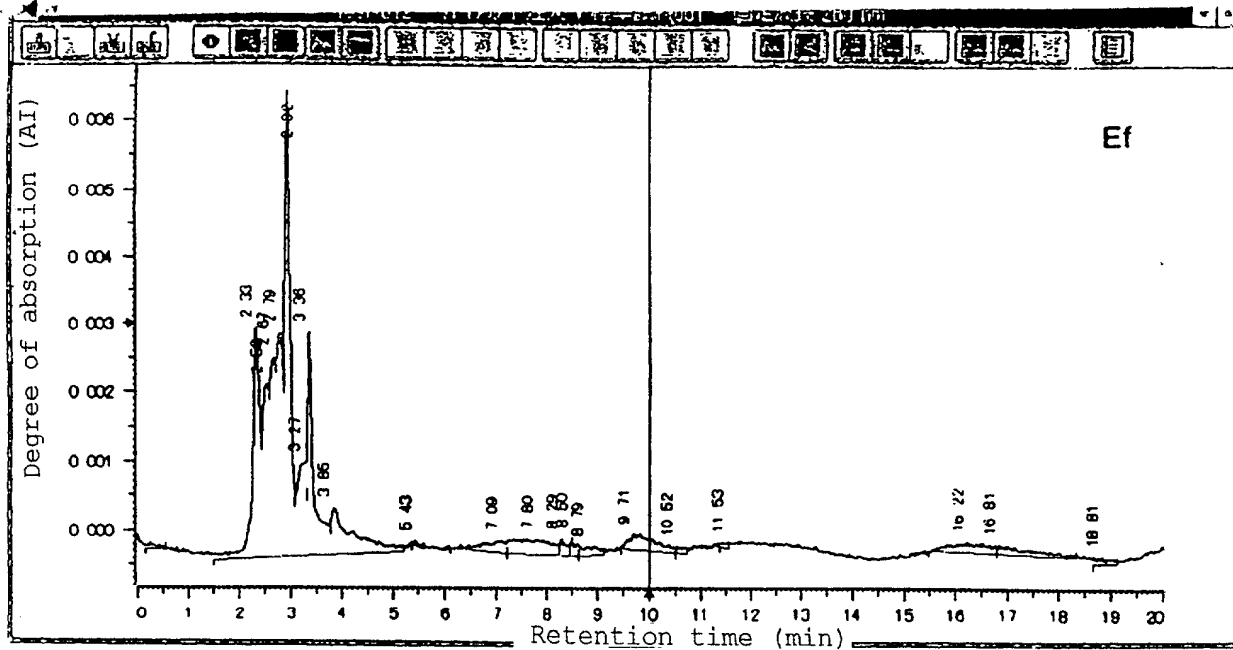


FIG. 6

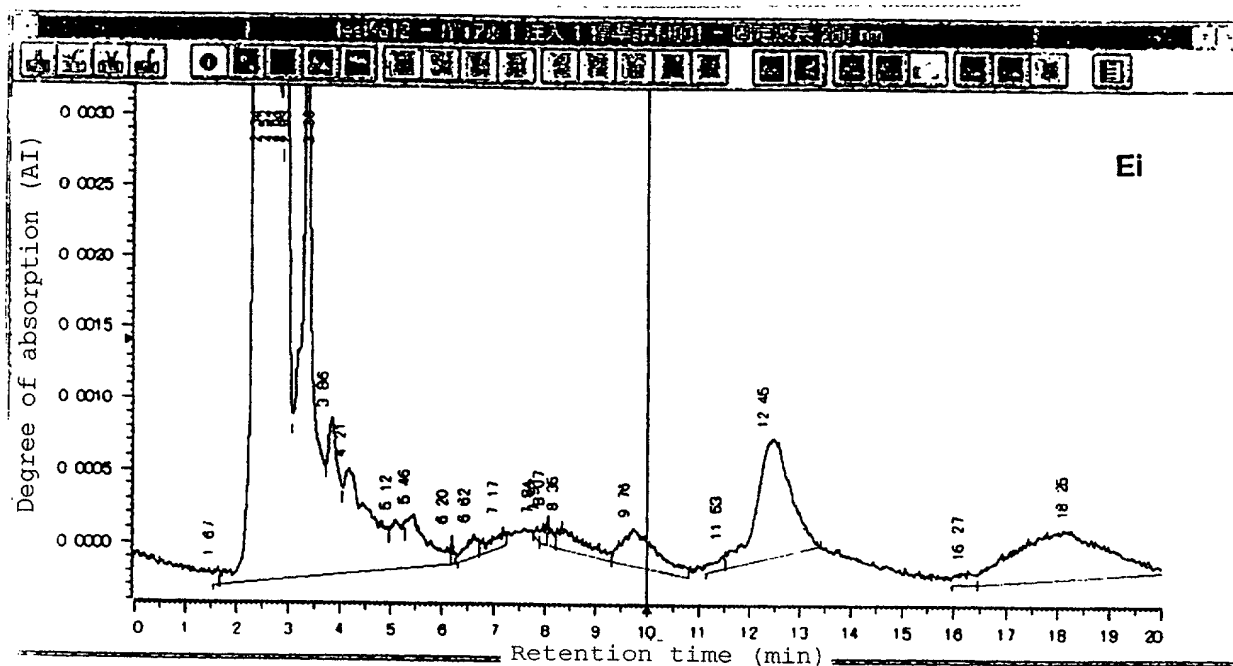


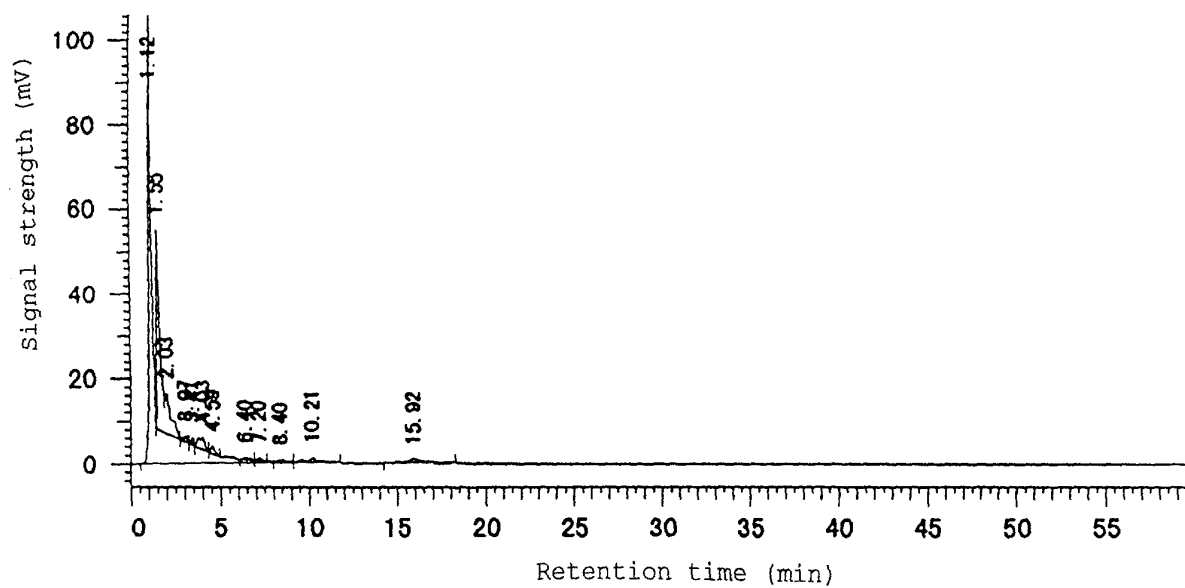
FIG. 7

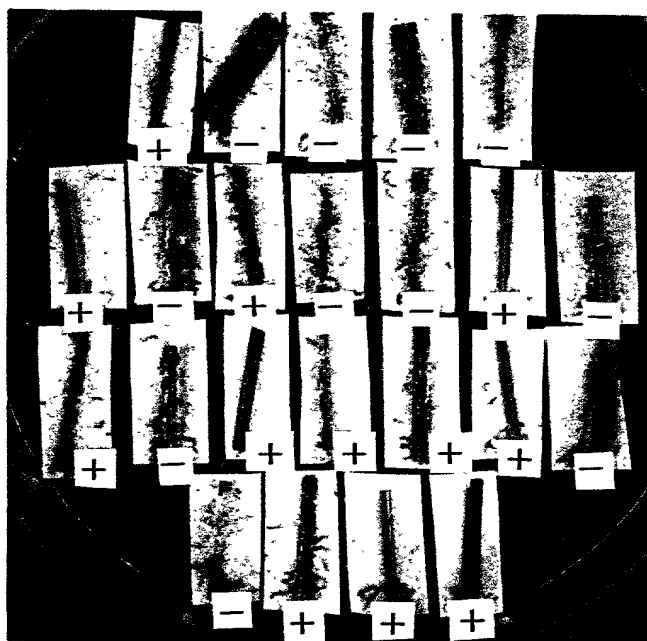
FIG. 8

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Chromatogram showing signal strength (mV) versus retention time (min). The y-axis ranges from 0 to 200 mV, and the x-axis ranges from 0 to 55 minutes. Numerous peaks are labeled with their retention times.

Retention time (min)
1.52
2.06
2.48
3.73
4.27
5.23
6.29
6.93
7.83
8.15
10.00
11.12
11.52
12.51
14.58
15.44
16.77
19.33
20.67
23.39
24.88
27.44
30.85
33.41
36.88
38.01
46.16
49.04



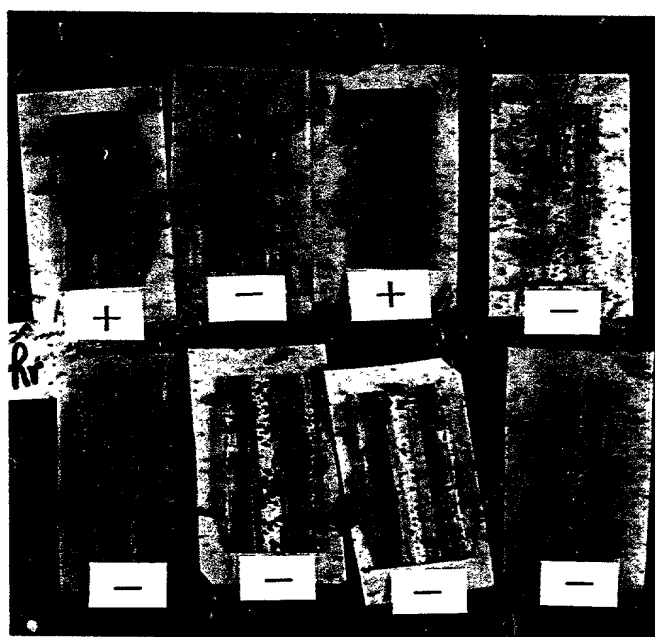


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+: Plants infected with the endophytes deposited at the Japanese National
Institute of Bioscience and Human Technology
-: Plants infected with endophytes other than those deposited at the Japanese
National Institute of Bioscience and Human Technology

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FIG. 11



+ : Plants infected with the endophytes deposited at the Japanese National Institute of Bioscience and Human Technology
- : Plants infected with endophytes other than those deposited at the Japanese National Institute of Bioscience and Human Technology

FIG. 12